Appendix A
BURP Monitoring Data

1998 303(d)	Site ID No.	Stream Name	Eco-Region	Elevation Feet	Stream Order	Rosgen Type	HI	MBI*	% Fines	W/D Ratio	% Stable		% Cover	
											LB	RB	LB	RB
	95-A088	Big Creek	NR	6520	3	B	88	5.04	27	24.3	100	87	73	68
Y	95-B046	Big Creek	SR	5851	3	B	77	2.44	1	26	100	100	0	0
	98-D130	Big Creek North Fork	SR	6559	2	A	114	5.85	10	9	100	100	100	100
	98-D131	Big Creek South Fork	SR	6559	2	A	104	6.10	28	18.7	100	100	100	100
	97-M029	Big Gulch Creek	NR	7800	1	A	122	5.07	48	3.5	100	100	100	100
	97-M030	Big Gulch Creek	SR	7100	2	A	91	5.77	32	8.9	100	100	100	100
	97-M021	Burnt Creek	SR	7400	2	C	91	5.49	61	7.5	90	100	100	100
	98-D136	Burnt Creek	SR	6820	3	E	51	3.89	100	8.5	72	95	79	95
	97-M020	Burnt Creek East Fork	NR	7760	1	A	78	2.20	55	26.1	92	94	84	88
	97-M031	Ditch Creek	SR	6700	2	A	68	4.81	59	10	100	100	100	100
	97-M028	Donkey Creek	SR	6562	1	B	66	3.54	62	14.2	78	58	100	100
	97-M024	Elbow Creek	NR	6600	1	A	69	3.75	70	18.7	95	95	96	98
	97-M018	Elkhorn Creek	SR	7400	1	B	64	1.81	61	10.4	34	33	100	100
	97-M034	Falls Creek	SR	5880	2	A	80	5.32	43	12.3	69	78	100	100
	98-D127	Goldburg Creek	SR	7040	1	A	77	5.78	41	8.4	62	71	100	100
	98-D128	Goldburg Creek	SR	7020	2	A	72	5.81	66	11.7	84	91	100	100
	97-M027	Goldburg Creek	SR	6093	3	B	82	4.72	65	17.6	95	84	100	100
	98-D122	Grouse Creek	SR	6480	2	B	59	3.78	71	11.7	94	99	100	100
	98-D129	Hillside Creek	SR	7333	1	Aa+	89	4.77	57	2.1	100	100	100	100
	98-D134	Inyo Creek	SR	6460	2	A	118	6.05	17	11.5	100	100	100	100
	97-M040	Lawson Creek	SR	5120	3	B	78	3.91	56	10.7	100	100	100	100
	97-M038	Lawson Creek Middle Fork	SR	5840	2	A	73	3.23	61	20	44	55	100	100
	97-M039	Lawson Creek North Fork	SR	5852	2	A	69	3.28	59	24.3	94	98	94	98
	97-M037	Lawson Creek South Fork	SR	5760	1	A	79	2.72	74	11.2	97	89	100	92
	97-M017	Long Creek	SR	7262	3	B	52	2.52	62	14.6	40	36	100	100
	98-D135	Mahogany Creek	SR	6800	1	Aa+	88	3.95	19	17.9	100	100	100	100
	97-M022	Mahogany Creek	SR	7720	3	A	91	5.11	56	4.8	88	98	100	100
	97-M025	Meadow Creek	NR	6600	1	A	105	3.97	65	7.2	100	100	100	100

1998 303(d)	Site ID No.	Stream Name	Eco-Region	Elevation Feet	Stream Order	Rosgen Type	HI	MBI*	% Fines	W/D Ratio	% Stable		% Cover	
											LB	RB	LB	RB
	97-M026	Meadow Creek	SR	6200	2	B	85	3.81	61	11.1	88	80	75	80
	98-D133	Mill Creek	SR	6980	1	A	78	5.25	41	10.9	85	86	90	92
	98-D121	Mill Creek	SR	6480	1	A	87	4.26	48	8.4	99	96	99	96
	97-M023	Mill Creek	NR	6457	1	A	104	4.15	57	4.2	93	95	100	100
	97-M036	Morgan Creek	SR	5080	3	B	74	4.15	20	22.6	100	100	100	100
	95-A023	Morse Creek	NR	6280	3	A	110	4.92	11	10.3	95	90	85	75
	94-57	Morse Creek	NR	6280	3		106	5.89	12	26.1	100	100	60	65
	95-A040	Morse Creek	SR	5889	3	B	95	4.99	28	15.9	55	55	45	60
Y	95-A024	Morse Creek	SR	5200	3	C	57	3.34	21	12.3	90	100	0	0
Y	94-58	Morse Creek	SR	5200	3									
Y	95-A086	Pahsimeroi River	NR	7700	3	C	84	4.42	38	14.5	31	43	77	82
Y	98-D125	Pahsimeroi River	SR	7700	3	A	107	5.12	45	12	88	85	100	100
Y	95-A087	Pahsimeroi River	SR	5900	4									
	98-D124	Pahsimeroi River East Fork	SR	7950	1	A	86	5.45	35	11.4	80	80	70	70
	98-D123	Pahsimeroi River West Fork	SR	7760	2	A	100	5.55	27	14.7	100	100	100	100
	95-A083	Patterson Creek	NR	6520	2	A	84	4.12	21	15.6	100	100	4	6
	97-M128	Patterson Creek	NR	6320	3	C	117	4.56	14	16.2	84	98	100	100
Y	95-A084	Patterson Creek	SR	6120	3	A	89	3.19	23	10.5	100	100	24	6
Y	95-A085	Patterson Creek	SR	5240	3									
	97-M019	Short Creek	SR	7400	1	B	79	4.23	61	21.9	75	87	92	100
	98-D126	Snowslide Creek	SR	7035	1	A	63	3.66	33	11.3	100	72	70	100
	98-D132	Stinking Creek	SR	6740	1	A	68	3.43	41	8.4	84	80	99	88
	97-M035	Tater Creek	SR	5200	2	A	72	2.99	71	19	100	100	100	100
	97-M032	Trail Creek	SR	5850	2	B	88	3.76	63	10.6	90	100	95	100
	97-M033	Trail Creek Blind Fork	SR	6380	1	G	84	3.61	60	23.4	85	100	90	100

Appendix B
BLM Water Quality Data

CHALLIS FIELD OFFICE : SUMMARY OF STREAMFLOW AND WATER QUALITY COLLECTED BY BLM*, 1999-2000

February 2000

Streams are generally listed in downstream order

Stream	Site	Elev. ft.	Flows into	W[1]	yr. mo. day time	Q cfs.	Water °C °F	E.C uS	TDS ppm	pH	Turb. NTU	Comments	Quadrangle USGS 7.5 minute
Kinnikinic Cr.	KI1	7160	Salmon R.	US	1999 09 01 1240	4.09	9.0 48.2	80	50	8.1	Clear		Clayton
Lyon Cr.	LY1	5500	Salmon R.	US	1999 10 12 1330	2.56	11.0 51.8	260	170	8.4	0.94		Bald Mountain
Birch Cr.	BI1	5500	Salmon R.	US	1999 10 08 1115	0.45	9.0 48.2	190	120	8.3	1.22		Bald Mountain
Sink Cr.	SI1	5380	Salmon R.	US	1999 10 08 1115	0.42	10.0 50.0	160	100	8.2	0.80	Diversion takes 90% of flow.	Bald Mountain
Bayhorse Cr.	BA1	6520	Salmon R.	US	1999 10 01 1125	4.27	6.5 43.7	160	100	8.4	0.86		Bayhorse
Birch Cr.	BR1	5380	Salmon R.	US	1999 10 01 1125	0.60	8.0 46.4	200	130	8.3	4.86		Bradbury Flat
Wicklup Cr.	WI1	6240	E. F. Salmon R.	EFSR	1999 12 21 1430	0.35	2.5 35.6	100	65	8.0	2.57		Bowery Cr.
East Fork Salmon R.	EFS1	6150	Salmon R.	EFSR	1999 12 23 1420	40.57	1.0 33.8	160	105	8.4	0.61		Bowery Cr.
					2000 02 10 1210	40.38	3.0 37.4	150	105	8.6			
Little Boulder Cr.	LB1	6440	E. F. Salmon R.	EFSR	1999 08 24 1500	14.00	13.5 56.3	60	40	8.2	Clear		Bowery Cr.
Big Boulder Cr.	BB1	6120	E. F. Salmon R.	EFSR	1999 12 21 1320	16.00	2.5 36.5	110	70	7.8	0.98		Bowery Cr.
Corral Creek	CO1	6480	Jimmy Smith Lake	EFSR	1999 09 02 1155	0.27	10.0 50.0	180	120	8.2	6.18		Potoman P.
Jimmy Smith Cr.	JS1	6410	Jimmy Smith Lake	EFSR	1999 09 02 1450	0.13	10.0 50.0	240	160	8.4	3.79		Potoman P.
Big Lake Cr.	BL1	6120	E. F. Salmon R.	EFSR	1999 09 02 1510	2.27	17.0 62.6	130	85	8.8	30.70	Water slightly cloudy.	Potoman P.
Lake Cr.	LA1	6140	Herd Cr.	EFSR	1999 08 19 1415	2.86	15.5 59.9	110	70	8.2	Clear		Herd Lake
Herd Cr.	HE1	5800	E. F. Salmon R.	EFSR	1999 08 19 1210	32.93	14.0 57.2	150	100	8.4	0.81		Ziegler Basin
Road Cr.	RO1	5740	E. F. Salmon R.	EFSR	1999 08 19 1025	1.22	15.0 59.0	250	160	8.4	6.55		Ziegler Basin
Gooseberry Cr.	BO1	7520	Warm Spring Cr.	US_EF	1999 11 04 1255	0.11	5.0 41.0	430	280	8.6	1.15	Limestone in watershed.	Grouse Cr. Mountain
Lime Cr.	LI1	6110	Warm Spring Cr.	US_EF	1999 11 10 1355	0.32	6.0 42.8	350	230	8.6	8.27		Little Antelope Flat
Garden Cr.	GA1	6540	Salmon R.	US_EF	1999 10 13 1245	4.32	6.5 43.7	120	80	8.2	0.92	No BLM land adjacent to stream	Bayhorse
Eddy Cr.	ED1	5440	Challis Cr.	US_EF	1999 08 31 1500	2.06	14.0 57.2	90	60	8.2	Clear		Pats Cr.
Challis Cr.	CH1	5400	Salmon R.	US_EF	1999 08 16 1530	35.32	17.0 62.6	60	40	8.0	2.51	Gauge height = 3.56 ft.	Pats Cr.
					1999 10 05 1430	23.00	10.0 50.0	60	40	8.1	3.47	Gauge height = 3.44 ft.	
Mill Cr.	MI1	5310	Challis Cr.	US_EF	1999 08 16 1200	7.90	13.5 56.3	140	90	8.0	Clear		Pats Cr.
Bear Cr.	BE1	5960	Morgan Cr.	US_EF	1999 12 01 1330	0.06	3.0 37.4	260	170	8.3	4.73	Q = 28.7 gpm	Blowfly Cr.
Block Cr.	BL1	5700	Morgan Cr.	US_EF	1999 12 01 1205	0.12	3.5 38.3	120	80	8.2	6.32	Q = 55.7 gpm	Blowfly Cr.
West Fork Morgan Cr.	WM1	6080	Morgan Cr.	US_EF	1999 10 05 1125	2.24	6.5 43.7	120	80	8.2	1.59		Blowfly Cr.
Gooseberry Cr.	GO1	5660	Morgan Cr.	US_EF	1999 12 01 1005	0.07	4.0 39.2	180	120	8.5	1.43	Q = 31.4 gpm	Gooseberry Cr.
Blue Cr.	BL1	5550	Morgan Cr.	US_EF	1999 10 26 1435	0.09	8.5 47.3	140	90	8.4	4.33		Gooseberry Cr.
Morgan Cr.	MO1	5550	Salmon R.	US_EF	1999 07 22 1325	20.00	18.0 64.4	120	80	7.9	Clear		Gooseberry Cr.
					1999 09 09 1020	9.32	10.5 51.0	120	80	8.0	5.32		
					1999 10 25 1325	10.08	7.5 45.5	120	80	8.3	1.72		
					2000 03 03 1330	9.87	4.0 39.2	110	70	8.0	2.02		
Upper Pahsimeroi R.	UP2	6810	Salmon R.	P	1999 12 28 1245	E 15	1.0 33.8	230	150	8.5	0.56		Spring Hill
Donkey Cr.	DO1		Pahsimeroi R.	P	1999 07 29 1405	0.18	12.0 54.0	90	60	8.4	1.94		Donkey Cr.
Grouse Cr.	GR1	6320	Pahsimeroi R.	P	1999 09 09 1455	0.00						All of stream channel on BLM is dry.	Meadow Peak
Goldberg Cr.	GO1	6070	Pahsimeroi R.	P	1999 09 09 1550	12.91	15.0 59.0	250	160	8.4	6.03		Donkey Hills NW

Stream	Site	Elev. ft.	Flows into	W[1]	yr. mo. day time	Q cfs.	Water ^0C ^0F	E.C uS	TDS ppm	pH	Turb. NTU	Comments	Quadrangle
Stinking Cr.	ST1	6540	Big Cr.	P	1999 07 27 1205	0.02	15.0 59.0					Q = 10.8 gpm	Donkey Hills
Mill Cr.	ML1	7000	Big Cr.	P	1999 07 27 1550	0.41	10.5 51.0	30	20	8.2	6.67		Donkey Hills
Meadow Cr.	ME1	6140	Pahsimeroi R.	P	1999 09 08 1430	0.66	15.0 59.0	270	180	8.5	35.30	Most of stream channel on BLM is dry	Meadow Peak
Falls Cr.	FA1	5960	Patterson Cr.	P	1999 09 03 1455	7.32	8.0 46.4	70	45	8.2	0.49	Diversion at N.F. takes 95% of flow.	East of May
Morse Cr.	MO1	5880	Patterson Cr.	P	1999 09 03 1145	6.65	8.0 46.4	30	20	8.1	0.68	Diversion at N.F. takes 95% of flow.	East of May
Trail Cr.	TR1	5660	Pahsimeroi R.	P	1999 09 08 1135	0.47	10.0 50.0	230	150	8.0	17.90		May
Tater Cr.	TA1		Patterson Cr.	P	1999 08 30 1325	2.74	8.0 46.4	60	40	8.0	0.75		
Little Morgan Cr.	LM1	5480	Pahsimeroi R.	P	1999 08 26 1415	10.78	12.5 54.5	20	13	8.0	0.79		Ennis Gulch
Sage Cr.	SA1	6870	Thous. Spr. Cr.	BL	1999 12 15 1445	0.89	1.0 33.8	200	130	8.4	4.00		Jerry Peak
Big Lost R.	BL1	6570	Mackay Res.	BL	1999 09 22 1245	71.93	11.5 52.7	140	90	8.2	0.84		Chilly Buttes

* Most of the streamflow and water quality data was collected by Steve Markman, Hydrologist, Challis Field Office, BLM. Additional information on location of sites is available.

[1] US = Upper Salmon River watershed ; Hydrologic Unit Code 17060201.
EFSR = East Fork Salmon River watershed ; Hydrologic Unit Code 17060201.
US_EF = Upper Salmon River watershed below East Fork Salmon River ; Hydrologic Unit Code 17060201.
P = Pahsimeroi River watershed ; Hydrologic Unit Code 17060202
BL = Big Lost River watershed ; Hydrologic Unit Code 17040218

Q = discharge, in cubic feet per second
Water temperature is degrees centigrade and degrees fahrenheit
E.C. = electrical conductivity, in micromhos per centimeter
TDS = total dissolved solids, parts per million. EPA drinking water guideline is 500 ppm.
pH is in standard units, scale 0.0 to 14.0 Idaho standard is 6.5 to 9.5
Turb. = turbidity, in nephelometric turbidity units (NTU). Idaho standard is not to exceed 50 NTU above "background." "Background" is not defined in the Idaho water quality standards.
Quadrange = USGS 7.5 minute quadrangle that contains the streamflow measuring site

B_P05 v3.0n

R1/R4 FISH HABITAT INVENTORY SYSTEM
Summary of Main Channel Substrate Condition
Listing by Survey Reach and by Habitat Group

Run date: 10/25/1995
Page 1

Stream ID: I07397
EPA Reach: 1706020202000.00
Stream Name: BURNT CR (mo. to long Cr)
Forest: CHALLIS NF
District: CHALLIS RD
Study: I95

Habitat Group	Total Number of Units	Number of Meas. Units	Number of Est. Units	Mean Percent Substrate Coverage: Fines	Small Gravel	Gravel	Small Cobble	Cobble	Small Boulder	Boulder	Bedrock	Mean % Surface Fines
Survey Reach:1		Survey Reach Lower Boundary: LOWER MARKER OF KA1										
Reach Type: C		Survey Reach Upper Boundary: UPPER MARKER OF KA1										
DHC	2	-	-	-	-	-	-	-	-	-	-	-
NTW	2	-	-	-	-	-	-	-	-	-	-	-
SLA	5	2	-	37.0	23.0	33.0	5.5	1.5	0.0	0.0	0.0	33.0
SMD	1	-	-	-	-	-	-	-	-	-	-	100.0
SPL	2	-	-	-	-	-	-	-	-	-	-	10.0
SUS	2	-	-	-	-	-	-	-	-	-	-	15.0
TUR	6	-	-	-	-	-	-	-	-	-	-	16.3
Subtotals	20	2										
Means			-	37.0	23.0	33.0	5.5	1.5	0.0	0.0	0.0	27.1
Totals	20	2										
Means			-	37.0	23.0	33.0	5.5	1.5	0.0	0.0	0.0	27.1

Wollman pebble count

This was a problem with the 195 database and does not indicate 100% fines.

R1/R4 FISH HABI[illegible]VENTORY SYSTEM
Summary of Main Channel Substrate Condition
Listing by Survey Reach and by Habitat Group

Stream ID: ID7397
EPA Reach: 1706020202000.00
Stream Name: BURNT CR

Forest: CHALLIS NF District: LOST RIVER RD Study: 196

Habitat Group	Total Number of Units	Number of Meas. Units	Number of Est. Units	Mean Percent Substrate Coverage: Fines	Small Gravel	Gravel	Small Cobble	Cobble	Small Boulder	Boulder	Bedrock	Mean % Surface Fines
Survey Reach: 14	Survey Reach Lower Boundary: LOWER BOUNDARY EXCLOSURE near Spring (Source)											
Reach Type: C	Survey Reach Upper Boundary: UPPER BOUNDARY EXCLOSURE											
SLA	23	5	-	32.8	13.2	50.8	4.0	-	-	-	-	23.3
SMD	2	-	-	-	-	-	-	-	-	-	-	25.8
SPL	1	1	-	40.0	5.0	55.0	-	-	-	-	-	40.0
TUR	21	5	-	39.2	11.0	45.6	4.5	3.0	-	-	-	17.9
Subtotals	47	11										
Means			-	36.4	11.5	48.8	4.3	3.0	-	-	-	21.3
Survey Reach: 15	Survey Reach Lower Boundary: LOWER BOUNDARY KA4 near Buck Cr											
Reach Type: C	Survey Reach Upper Boundary: UPPER BOUNDARY KA4											
SLA	5	-	-	-	-	-	-	-	-	-	-	16.0
TUR	4	1	-	21.0	16.0	56.0	5.0	3.0	-	-	-	16.3
Subtotals	9	1										
Means			-	21.0	16.0	56.0	5.0	3.0	-	-	-	16.1
Totals	56	12										
Means			-	35.1	11.8	49.4	4.3	3.0	-	-	-	22.4

Wolman pebble count

R1/R4 FISH HABITAT INVENTORY SYSTEM
Summary of Main Channel Substrate Condition
Listing Overall and by Habitat Group

Stream ID: ID7397
SPA Reach: 17060202020000.00
Stream Name: BURNT CR

Forest: CHALLIS NF District: LOST RIVER RD Study: I97

Habitat Group	Total Number of Units	Number of Meas. Units	Number of Est. Units	Mean Percent Substrate Coverage: Fines	Small Gravel	Gravel	Small Cobble	Cobble	Small Boulder	Boulder	Bedrock	Mean % Surface Fines
	2	-	-	-	-	-	-	-	-	-	-	85.0
DNC	2	-	-	-	-	-	-	-	-	-	-	-
NTU	1	-	-	-	-	-	-	-	-	-	-	-
SLA	36	2	-	27.5	12.5	60.0	0.0	0.0	0.0	0.0	0.0	29.3
SNE	5	1	-	50.0	15.0	35.0	0.0	0.0	0.0	0.0	0.0	31.0
SPL	6	1	-	19.0	23.0	45.0	14.0	0.0	0.0	0.0	0.0	27.5
TUR	37	2	-	41.5	17.5	27.5	10.0	4.0	0.0	0.0	0.0	21.4
Totals	89	6										
Means			-	34.3	16.3	42.7	5.7	1.3	0.0	0.0	0.0	27.7

27.7%

Wollman pebble count

0.5 mi below spring

POS v96.0

R1/R4 FISH HABITAT INVENTORY SYSTEM
Summary of Main Channel Substrate Condition
Listing by Survey Reach and by Habitat Group

Run 09/25/1996
Page 1

Stream ID: ID2010
EPA Reach: 17060202080.00
Stream Name: DONKEY CR

Forest: CHALLIS NF

District: CHALLIS RD

Study: I96

Habitat Group	Total Number of Units	Number of Meas. Units	Number of Est. Units	Fines	Small Gravel	Gravel	Small Cobble	Cobble	Small Boulder	Boulder	Bedrock	Mean % Surface Fines
				Mean Percent Substrate Coverage								
Survey Reach:2		Survey Reach Lower Boundary: STATE BLM BOUNDARY										
Reach Type: C		Survey Reach Upper Boundary: HEADWATERS										
SLA	18	-	-	-	-	-	-	-	-	-	-	30.0
TUR	17	-	-	-	-	-	-	-	-	-	-	22.9
Subtotals	35	-	-	-	-	-	-	-	-	-	-	27.0
Means			-									
Totals	35	-		-	-	-	-	-	-	-	-	27.0
Means			-									

Occular estimate

BLM CHALLIS FIELD OFFICE

R1/R4 FISH HABITAT INVENTORY SYSTEM
Summary of Main Channel Substrate Condition
Listing Overall and by Habitat Group

Stream ID: ID7118
FA Reach: 17060202060800.00
Stream Name: PAHSIMEROI R.

Forest: CHALLIS NF

District: CHALLIS RD

Study: I97

Habitat Group	Total Number of Units	Number of Meas. Units	Number of Est. Units	Mean Percent Substrate Coverage: Fines	Small Gravel	Gravel	Small Cobble	Cobble	Small Boulder	Boulder	Bedrock	Mean % Surface Fines
SLA	42	-	-	-	-	-	-	-	-	-	-	24.8
SMD	13	-	-	-	-	-	-	-	-	-	-	23.9
SPL	4	-	-	-	-	-	-	-	-	-	-	19.8
TUR	56	2	-	28.0	15.5	41.5	8.0	5.0	2.5	0.0	0.0	17.5
Totals Means	115	2	-	28.0	15.5	41.5	8.0	5.0	2.5	0.0	0.0	18.3

18.3

Wollman pebble count

Reach is between Goldburg Cr & Burnt Cr

R1/R4 FISH HAB[illegible]NVENTORY SYSTEM
Summary of Main Channel Substrate Condition
Listing by Survey Reach and by Habitat Group

Stream ID: ID7118
EPA Reach: 17060202C0100.00
Stream Name: PAHSIMEROI R

Forest: CHALLIS NF
District: CHALLIS RD
Study: I96

Habitat Group	Total Number of Units	Number of Meas. Units	Number of Est. Units	Mean Percent Substrate Coverage: Fines	Small Gravel	Gravel	Small Cobble	Cobble	Small Boulder	Boulder	Bedrock	Mean % Surface Fines
Survey Reach:5 Reach Type: B		Survey Reach Lower Boundary: BURNT CR Survey Reach Upper Boundary: MAHOGANY CR										
NTU	1	-	-	-	-	-	-	-	-	-	-	-
SLA	2	1	-	18.0	11.0	57.0	13.0	1.0	-	-	-	12.5
SMD	1	-	-	-	-	-	-	-	-	-	-	15.0
TUR	4	1	-	16.0	9.0	53.0	13.0	9.0	-	-	-	10.0
Subtotals	8	2										
Means			-	17.0	10.0	55.0	13.0	5.0	-	-	-	11.7
Survey Reach:6 Reach Type: B		Survey Reach Lower Boundary: MAHOGANY CR Survey Reach Upper Boundary: ROCK CR										
SLA	3	1	-	25.0	13.0	44.0	8.0	3.0	7.0	-	-	16.7
TUR	2	1	-	10.0	3.0	61.0	13.0	8.0	6.0	-	-	12.5
Subtotals	5	2										
Means			-	17.5	8.0	52.5	10.5	5.5	6.5	-	-	15.0
Totals	13	4										
Means			-	17.3	9.0	53.8	11.8	5.3	6.5	-	-	13.2

Wolman pebble count

KA3 - between Burnt cr + mahogany

KA 4 — between mahogany Cr + Rock Cr

FB_P05 v3.0n

R1/R4 FISH HABITAT INVENTORY SYSTEM
Summary of Main Channel Substrate Condition
Listing by Survey Reach and by Habitat Group

Run date: 10/25/1995
Page 1

Stream ID: ID8703
EPA Reach: 1706020201600.00
Stream Name: MAHOGANY CR

Forest: CHALLIS NF

District: LOST RIVER RD

Study: I95

Habitat Group	Total Number of Units	Number of Meas. Units	Number of Est. Units	Mean Percent Substrate Coverage: Fines	Small Gravel	Gravel	Small Cobble	Cobble	Small Boulder	Boulder	Bedrock	Mean % Surface Fines
Survey Reach:1		Survey Reach Lower Boundary: LOWER MARKER KA1										
Reach Type: B		Survey Reach Upper Boundary: UPPER MARKER KA1										
DNC	3	-	-	-	-	-	-	-	-	-	-	-
NTU	1	-	-	-	-	-	-	-	-	-	-	-
SLA	2	-	-	-	-	-	-	-	-	-	-	17.5
SUS	3	-	-	-	-	-	-	-	-	-	-	20.0
TUR	4	1	-	22.0	11.0	41.0	4.0	3.0	9.0	10.0	0.0	20.0
Subtotals	13	1										
Means			-	22.0	11.0	41.0	4.0	3.0	9.0	10.0	0.0	19.4
Totals	13	1										
Means			-	22.0	11.0	41.0	4.0	3.0	9.0	10.0	0.0	19.4

Wollman pebble count
.1mi below stream crossing

Appendix C
USGS Water Quality Data

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13299390	PAHSIMEROI RIVER BL FORKS NR DICKEY ID	05/22/1971	1530	24.3	3	N/A	N/A	N/A	N/A
13299390	PAHSIMEROI RIVER BL FORKS NR DICKEY ID	06/15/1971	N/A	N/A	6	N/A	0.03	N/A	N/A
13299390	PAHSIMEROI RIVER BL FORKS NR DICKEY ID	06/15/1971	1800	141	6	N/A	N/A	N/A	N/A
13299390	PAHSIMEROI RIVER BL FORKS NR DICKEY ID	07/16/1971	1300	115	8	N/A	N/A	N/A	N/A
13299390	PAHSIMEROI RIVER BL FORKS NR DICKEY ID	08/12/1971	1735	44.7	11	N/A	N/A	N/A	N/A
13299390	PAHSIMEROI RIVER BL FORKS NR DICKEY ID	09/18/1971	1100	23.8	2	N/A	N/A	N/A	N/A
13299390	PAHSIMEROI RIVER BL FORKS NR DICKEY ID	10/15/1971	1015	N/A	1.5	N/A	0.06	N/A	N/A
13299705	PAHSIMEROI RIVER BL BURNT CREEK NR DICKEY ID	05/23/1971	1225	16.8	6	N/A	N/A	N/A	N/A
13299705	PAHSIMEROI RIVER BL BURNT CREEK NR DICKEY ID	06/16/1971	1430	116	10	N/A	N/A	N/A	N/A
13299705	PAHSIMEROI RIVER BL BURNT CREEK NR DICKEY ID	07/14/1971	1725	92.8	13.5	N/A	N/A	N/A	N/A
13299705	PAHSIMEROI RIVER BL BURNT CREEK NR DICKEY ID	08/12/1971	1555	49.6	14	N/A	N/A	N/A	N/A
13299705	PAHSIMEROI RIVER BL BURNT CREEK NR DICKEY ID	10/15/1971	1200	16	1	N/A	N/A	N/A	N/A
13299705	PAHSIMEROI RIVER BL BURNT CREEK NR DICKEY ID	11/16/1971	1525	0.19	0	N/A	N/A	N/A	N/A
13299850	PAHSIMEROI RIVER AT MILE 36.2 NR PATTERSON ID	06/16/1971	1405	60.4	10	N/A	N/A	N/A	N/A
13299850	PAHSIMEROI RIVER AT MILE 36.2 NR PATTERSON ID	07/14/1971	1630	54.5	13	N/A	N/A	N/A	N/A
13299850	PAHSIMEROI RIVER AT MILE 36.2 NR PATTERSON ID	08/12/1971	1500	11.6	14	N/A	N/A	N/A	N/A
13299850	PAHSIMEROI RIVER AT MILE 36.2 NR PATTERSON ID	09/18/1971	1400	10.8	5	N/A	N/A	N/A	N/A
13299900	PAHSIMEROI RIVER AT MILE 32.1 NR PATTERSON ID	06/17/1971	1110	56.5	7.5	N/A	N/A	N/A	N/A
13299900	PAHSIMEROI RIVER AT MILE 32.1 NR PATTERSON ID	07/14/1971	1335	33	14	N/A	N/A	N/A	N/A
13299900	PAHSIMEROI RIVER AT MILE 32.1 NR PATTERSON ID	08/11/1971	1250	4.28	20.5	N/A	N/A	N/A	N/A
13300100	PAHSIMEROI RIVER AT MCCOY LANE NR PATTERSON ID	06/17/1971	1650	0.54	9	N/A	N/A	N/A	N/A
13300100	PAHSIMEROI RIVER AT MCCOY LANE NR PATTERSON ID	07/14/1971	1200	0.9	11	N/A	N/A	N/A	N/A
13300100	PAHSIMEROI RIVER AT MCCOY LANE NR PATTERSON ID	11/17/1971	1040	47.4	3.5	N/A	N/A	N/A	N/A
13301000	GOLDBURG CREEK NR PATTERSON ID	05/23/1971	1315	9.17	14.5	N/A	N/A	N/A	N/A
13301000	GOLDBURG CREEK NR PATTERSON ID	07/14/1971	1430	51.6	15.5	N/A	N/A	N/A	N/A
13301000	GOLDBURG CREEK NR PATTERSON ID	08/12/1971	1330	50.93	14	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13301000	GOLDBURG CREEK NR PATTERSON ID	11/17/1971	1040	47.4	3.5	N/A	N/A	N/A	N/A
13301100	GOLDBURG CREEK AT MCCOY LANE NR PATTERSON ID	05/24/1971	1200	236	15.5	N/A	N/A	N/A	N/A
13301100	GOLDBURG CREEK AT MCCOY LANE NR PATTERSON ID	06/17/1971	1615	93.3	12.5	N/A	N/A	N/A	N/A
13301100	GOLDBURG CREEK AT MCCOY LANE NR PATTERSON ID	07/14/1971	1130	89.5	11	N/A	N/A	N/A	N/A
13301100	GOLDBURG CREEK AT MCCOY LANE NR PATTERSON ID	08/12/1971	1145	63	12.5	N/A	N/A	N/A	N/A
13301100	GOLDBURG CREEK AT MCCOY LANE NR PATTERSON ID	09/19/1971	1050	54.2	6	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	04/30/1971	1400	20.2	8	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	05/22/1971	1215	55.6	2.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	06/16/1971	1150	N/A	6	N/A	0.05	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	07/16/1971	1055	112	7.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	08/12/1971	1605	54.6	14	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	09/17/1971	1800	32.3	6	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	10/13/1971	1350	N/A	5.5	N/A	0.07	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	11/19/1971	1320	22.3	1.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	09/13/1973	1130	30.6	7	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	10/22/1974	1120	21.2	2.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	09/28/1975	1550	28.3	6.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	09/28/1976	1322	39.7	7	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	09/28/1977	1500	26.6	7.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	09/13/1978	940	55	4.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	11/30/1983	1225	0.7	0	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	01/04/1984	1255	23	12.5	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	08/20/1987	1615	28	12	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	09/24/1987	1612	22	10	N/A	N/A	N/A	N/A
13301500	BIG CREEK AB DIV NR PATTERSON ID	11/04/1987	1030	18	3.5	N/A	N/A	N/A	N/A
13301504	BIG CREEK AT PATTERSON-HOWE ROAD NR PATTERSON ID	06/17/1971	1440	132	9.5	N/A	N/A	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	04/30/1971	1230	0.49	10	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	05/21/1971	1445	1.57	6	N/A	N/A	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	06/14/1971	1845	N/A	12.5	N/A	0.4	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	06/14/1971	1850	4.96	12.5	N/A	N/A	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	07/14/1971	1910	0.14	20	N/A	N/A	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	09/17/1971	1415	0.88	8.5	N/A	N/A	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	10/13/1971	1210	N/A	5	N/A	0.06	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	11/17/1983	1530	0.95	1.5	N/A	0.02	N/A	N/A
13301510	GROUSE CREEK AT ROAD CROSSING NR MAY ID	12/01/1983	1400	0.2	0.5	N/A	N/A	N/A	N/A
13301515	PAHSIMEROI RIVER AT FUREY LANE NR MAY ID	04/30/1971	1830	16.2	12	N/A	N/A	N/A	N/A
13301515	PAHSIMEROI RIVER AT FUREY LANE NR MAY ID	06/18/1971	1050	6.14	10	N/A	N/A	N/A	N/A
13301515	PAHSIMEROI RIVER AT FUREY LANE NR MAY ID	11/17/1971	1200	44.7	2	N/A	N/A	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	04/30/1971	1115	0.68	7.5	N/A	N/A	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	05/21/1971	1615	2.78	4.5	N/A	N/A	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	06/14/1971	1730	2.24	13	N/A	0.5	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	07/14/1971	2000	1.2	14.5	N/A	N/A	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	09/17/1971	1300	0.5	7.5	N/A	N/A	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	10/13/1971	1110	N/A	5	N/A	0.06	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	11/18/1971	1700	0.44	0	N/A	N/A	N/A	N/A
13301520	MEADOW CREEK AT ROAD CROSSING NR MAY ID	07/17/1984	1150	10	14.5	N/A	N/A	N/A	N/A
13301525	PAHSIMEROI RIVER AT HOOPER LANE NR MAY ID	05/24/1971	1915	20	13.5	N/A	N/A	N/A	N/A
13301525	PAHSIMEROI RIVER AT HOOPER LANE NR MAY ID	06/18/1971	1200	1.32	N/A	N/A	N/A	N/A	N/A
13301525	PAHSIMEROI RIVER AT HOOPER LANE NR MAY ID	07/13/1971	1620	7.69	14.5	N/A	N/A	N/A	N/A
13301525	PAHSIMEROI RIVER AT HOOPER LANE NR MAY ID	08/11/1971	1540	4.06	14	N/A	N/A	N/A	N/A
13301525	PAHSIMEROI RIVER AT HOOPER LANE NR MAY ID	09/19/1971	1425	0.92	7	N/A	N/A	N/A	N/A
13301525	PAHSIMEROI RIVER AT HOOPER LANE NR MAY ID	10/14/1971	1430	2.39	9	N/A	N/A	N/A	N/A
13301525	PAHSIMEROI RIVER AT HOOPER LANE NR MAY ID	11/17/1971	1345	44.6	2	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	04/30/1971	930	1.8	3.5	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	05/21/1971	1745	1.91	5.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	06/14/1971	1545	N/A	14.5	N/A	0.15	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	06/14/1971	1550	1.75	14.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	07/14/1971	2040	0.88	12.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	08/10/1971	1445	161	16.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	09/17/1971	1140	0.8	5.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	10/13/1971	1010	N/A	4.5	N/A	0.08	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	11/18/1971	1555	0.82	1.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	11/30/1983	1225	0.7	0	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	07/17/1984	1150	10.3	14.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	09/11/1984	1240	2.1	10.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	10/11/1984	1030	2.14	10.5	N/A	N/A	N/A	N/A
13301530	SULPHUR CREEK AT MOUTH OF CANYON NR MAY ID	11/07/1984	1150	1.9	1	N/A	N/A	N/A	N/A
13301532	SULPHUR CREEK BL SULPHUR SPRING	11/30/1983	1400	27	12.5	N/A	N/A	N/A	N/A
13301532	SULPHUR CREEK BL SULPHUR SPRING	07/17/1984	1210	25	15	N/A	N/A	N/A	N/A
13301532	SULPHUR CREEK BL SULPHUR SPRING	08/07/1984	1405	25	15	N/A	N/A	N/A	N/A
13301532	SULPHUR CREEK BL SULPHUR SPRING	09/11/1984	1300	28	15	N/A	N/A	N/A	N/A
13301532	SULPHUR CREEK BL SULPHUR SPRING	10/11/1984	1100	22	14.5	N/A	N/A	N/A	N/A
13301532	SULPHUR CREEK BL SULPHUR SPRING	11/07/1984	1205	25	14	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	07/13/1971	1650	6.7	20	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	11/16/1983	1730	25	13.5	N/A	0.04	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	11/16/1983	1750	25	13.5	N/A	N/A	768	52
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	11/30/1983	1455	25	12.5	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	12/14/1983	1410	26	11.5	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	01/04/1984	1255	23	12.5	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	01/18/1984	1415	24	11.5	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	02/09/1984	1005	26	12	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	03/08/1984	858	26	11	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	04/05/1984	1002	22	13.5	N/A	N/A	N/A	N/A
13301535	SULPHUR CREEK AT ROAD XING NR MAY 14N 21E 13AAC1	05/03/1984	1715	20	16	N/A	N/A	N/A	N/A
13301595	PATTERSON CREEK BL INYO CREEK NR PATTERSON ID	10/13/1971	1115	N/A	5	N/A	N/A	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	04/29/1971	1425	12.3	9	N/A	N/A	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	05/22/1971	1030	53.8	3.5	N/A	N/A	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	06/15/1971	1420	N/A	6	N/A	0.04	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	06/15/1971	1430	200	6	N/A	N/A	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	07/16/1971	1000	90.8	6.5	N/A	N/A	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	08/12/1971	1145	41.9	9	N/A	N/A	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	09/15/1971	1650	23.5	8	N/A	N/A	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	10/13/1971	1145	N/A	5.5	N/A	0.06	N/A	N/A
13301600	PATTERSON CREEK AT PATTERSON ID	11/19/1971	1200	16	2.5	N/A	N/A	N/A	N/A
13301620	FALL CREEK NR MAY ID	04/29/1971	1445	10.4	5.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	04/29/1971	1135	11.8	3	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	05/21/1971	1030	39.2	3.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	06/15/1971	1015	N/A	4	N/A	0.05	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	06/15/1971	1030	95.7	4	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	07/14/1971	1855	28.9	9	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	08/12/1971	1000	12.6	8	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	09/15/1971	1450	8.16	6.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	10/13/1971	1020	N/A	4	N/A	0.06	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	11/19/1971	1020	6.38	0.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	05/08/1973	1115	23	6	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	06/06/1973	1720	48	8	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	09/13/1973	1435	8.67	8.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	05/16/1974	1050	29.4	N/A	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	06/18/1976	1705	50.7	8	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	09/28/1976	1132	12.3	6	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	03/12/1977	1730	4.62	2	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	06/23/1977	1800	16.6	9	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	09/28/1977	1330	7.48	7.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	04/20/1978	1035	15.4	4	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	06/29/1978	915	65.3	5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	09/13/1978	1200	12.3	6.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	06/05/1979	1830	74	6.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	10/04/1979	840	6.7	5.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	05/14/1980	1330	57	5.5	N/A	N/A	N/A	N/A
13301700	MORSE CREEK AB DIV NR MAY ID	09/18/1981	1615	5.9	9.5	N/A	N/A	N/A	N/A
13301850	MORGAN CREEK AB DIV NR MAY ID	04/29/1971	1005	9.51	2.5	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	05/25/1971	1245	42.03	10.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	06/19/1971	1215	56	11	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	07/13/1971	1430	670	14.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	08/11/1971	1320	61.3	14	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	09/19/1971	1050	71.3	9	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	10/14/1971	1535	177	9	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	11/17/1971	1630	272	5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	07/18/1985	1040	63	13	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	08/22/1985	1040	73	11.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	09/26/1985	1023	237	8	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	11/07/1985	1120	290	7	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	12/19/1985	1214	281	2	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	01/30/1986	1338	291	N/A	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	03/12/1986	1202	301	7	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	04/24/1986	942	361	8	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	05/19/1986	1630	55	13.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	06/24/1986	1650	146	15.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	07/24/1986	1005	75	11.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	08/26/1986	1510	52	15.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	10/09/1986	1030	252	8	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	11/19/1986	1050	300	6.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	12/17/1986	830	273	1.5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	01/28/1987	1030	264	5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	03/04/1987	1015	266	5	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	04/01/1987	1405	243	10	N/A	N/A	N/A	N/A
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	04/29/1987	950	53.7	9	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13301900	PAHSIMEROI RIVER AT DOWTON LANE NR MAY ID	06/03/1987	1445	484	15	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	05/25/1971	1245	42	10.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	06/19/1971	1555	110	13	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	07/13/1971	1115	145	12	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	09/20/1971	1310	146	10	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	10/14/1971	1225	236	7	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	11/18/1971	1100	320	4	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	07/18/1985	953	98	12.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	08/22/1985	935	133	11.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	09/26/1985	1200	306	9	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	11/07/1985	957	327	7	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	12/19/1985	1326	322	2	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	01/30/1986	1457	347	N/A	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	03/12/1986	1418	326	8.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	04/24/1986	1100	356	10	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	05/21/1986	1530	102	12	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	05/29/1986	1722	102	19	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	06/26/1986	1450	182	15.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	07/24/1986	1100	139	11.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	08/26/1986	1325	111	17	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	10/09/1986	1145	303	8.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	11/19/1986	1140	322	6.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	12/17/1986	930	300	1.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	01/28/1987	1120	311	5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	03/04/1987	1110	303	5.5	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	04/01/1987	1450	282	10.5	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	04/29/1987	1040	80.5	10	N/A	N/A	N/A	N/A
13301990	PAHSIMEROI RIVER AT BURSTEAD LANE NR ELLIS ID	06/03/1987	1545	129	17	N/A	N/A	N/A	N/A
13301995	PAHSIMEROI RIVER AT ELLIS LANE NR ELLIS ID	05/26/1971	1200	121	14	N/A	N/A	N/A	N/A
13301995	PAHSIMEROI RIVER AT ELLIS LANE NR ELLIS ID	06/20/1971	1050	156	11	N/A	N/A	N/A	N/A
13301995	PAHSIMEROI RIVER AT ELLIS LANE NR ELLIS ID	08/10/1971	1525	20.2	17.5	N/A	N/A	N/A	N/A
13301995	PAHSIMEROI RIVER AT ELLIS LANE NR ELLIS ID	09/20/1971	1530	181	11	N/A	N/A	N/A	N/A
13301995	PAHSIMEROI RIVER AT ELLIS LANE NR ELLIS ID	10/14/1971	1035	280	8	N/A	N/A	N/A	N/A
13301995	PAHSIMEROI RIVER AT ELLIS LANE NR ELLIS ID	11/18/1971	1225	352	4.5	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	10/01/1965	N/A	N/A	10.5	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	06/03/1967	N/A	N/A	14	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	07/12/1967	N/A	N/A	19.5	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	09/25/1967	N/A	N/A	10.5	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	04/16/1968	1035	N/A	7	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	08/02/1968	N/A	N/A	17	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	10/09/1968	1900	N/A	8	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	12/17/1969	1010	N/A	2	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	04/14/1970	1330	N/A	6	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	04/23/1970	1120	N/A	12	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	08/11/1970	830	N/A	11	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	05/06/1971	1200	151	9	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	05/06/1971	1250	N/A	9	N/A	0.1	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	05/27/1971	1200	138	N/A	N/A	N/A	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	06/20/1971	1210	N/A	12.5	N/A	0.06	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	10/13/1971	1555	N/A	10.5	N/A	0.06	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	11/18/1971	1420	N/A	5	N/A	0.06	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	05/24/1972	1730	N/A	9	N/A	0.05	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	06/15/1972	930	N/A	12	N/A	0.06	N/A	N/A
13302000	PAHSIMEROI RIVER NR MAY ID	11/07/1985	1430	351	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/09/1984	1118	246	9.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/17/1984	1440	417	17	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/11/1984	1435	360	14	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/11/1984	825	484	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/07/1985	1515	393	3.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/24/1985	900	150	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/26/1985	1600	180	17	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/18/1985	1530	158	17	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/22/1985	1139	203	12.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/26/1985	1539	340	11	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/07/1985	1430	351	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/19/1985	845	308	1	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/30/1986	1730	343	N/A	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/12/1986	1507	348	8.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/24/1986	1131	243	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/24/1986	840	206	12	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/27/1986	1243	198	15	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/09/1986	1215	345	9	N/A	N/A	N/A	N/A

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/19/1986	1220	357	6.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/16/1986	1320	366	3.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/28/1987	1145	225	5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/04/1987	1150	328	5.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/31/1987	1200	310	7	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/28/1987	1415	119	9	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/03/1987	1250	188	13	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/23/1987	1443	200	15	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/19/1987	800	188	10.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/25/1987	848	210	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/04/1987	1145	313	8.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/16/1987	1535	263	3	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/27/1988	1137	276	3	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/09/1988	855	310	4	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/20/1988	920	170	8	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/18/1988	1220	119	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/14/1988	1340	161	15	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/20/1988	720	133	12	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/24/1988	1500	134	16	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/05/1988	1250	210	11	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/16/1988	800	278	5.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/05/1989	835	244	3	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	02/22/1989	1245	261	6	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/15/1989	1115	278	5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/26/1989	1515	148	11.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/24/1989	920	130	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/21/1989	908	134	9.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/26/1989	902	120	13.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/12/1989	830	159	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/24/1989	853	262	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/13/1989	847	240	5.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/24/1990	1340	246	3.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	02/26/1990	1510	243	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/04/1990	1600	198	12	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/16/1990	950	122	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/18/1990	1610	155	15	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/06/1990	1550	141	17	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/18/1990	1015	160	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/30/1990	1130	286	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/11/1990	1517	266	6	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/29/1991	1250	271	N/A	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/29/1991	1450	232	1	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	02/25/1991	1500	271	7	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/09/1991	1520	233	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/21/1991	1300	102	11	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/24/1991	1610	189	11	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/06/1991	1400	143	7	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/16/1991	1500	177	12	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/28/1991	1600	239	7.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/08/1991	900	301	5.6	0.3	0.04	10	8.1
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/08/1991	955	295	5.6	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/11/1991	1100	277	2	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/29/1992	1430	271	4.8	0.3	0.08	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/11/1992	930	290	5.5<	0.2	0.03	29	23

Station #	Station Name	Date	Time	Flow(cfs)	Temp(C)	N(nh3+org)	TP	SS(mg/l)	SS(t/day)
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/21/1992	1240	173	N/A	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/06/1992	845	120	9.6<	0.2	0.02	7	2.3
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/01/1992	1537	124	17.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/07/1992	1625	160	17	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/28/1992	1300	148	14.5<	.2<	0.01	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/17/1992	1505	125	17.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/29/1992	1420	165	12.1<	0.2	0.05	3	1.3
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/04/1992	915	238	6	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/16/1992	1540	243	2	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/27/1993	1105	218	1	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/03/1993	1042	271	2.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/13/1993	1230	240	7	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/22/1993	1545	97.6	5.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/22/1993	1455	173	17.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/20/1993	735	153	N/A	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/04/1993	830	157	13.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/26/1993	905	285	7	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	12/01/1993	1015	283	5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/12/1994	1050	277	4	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	02/24/1994	850	277	3.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/29/1994	1415	255	9.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/10/1994	740	101	10	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/20/1994	1555	131	18	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/09/1994	1205	134	14	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/21/1994	1345	137	14	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/15/1994	1030	227	2.9<	0.2	0.03	15	9.2
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/25/1995	1015	234	2.3	0.2	0.03	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/20/1995	1430	244	7.3<	0.2	0.03	20	13
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/08/1995	1100	360	8.7	0.4	0.07	24	23
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/11/1995	1330	534	15	0.5	0.07	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/12/1995	1345	196	13.1	0.2	0.04	4	2.1
13302005	PAHSIMEROI RIVER AT ELLIS ID	10/19/1995	825	306	6.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	11/28/1995	1420	327	6	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	01/23/1996	1515	286	1	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	03/26/1996	1410	281	7	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/21/1996	832	124	8.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/23/1996	817	175	12	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/24/1996	1255	237	9.5	N/A	N/A	N/A	N/A
13302005	PAHSIMEROI RIVER AT ELLIS ID	04/15/1998	1045	288	6.<	0.1	0.021	19	15
13302005	PAHSIMEROI RIVER AT ELLIS ID	05/12/1998	1200	208	9.5	0.159	0.028	13	7.3
13302005	PAHSIMEROI RIVER AT ELLIS ID	06/18/1998	945	244	9.5	0.257	0.063	11	7.2
13302005	PAHSIMEROI RIVER AT ELLIS ID	07/13/1998	1230	410	14.5	0.243	0.056	9	10
13302005	PAHSIMEROI RIVER AT ELLIS ID	08/11/1998	945	218	11.5	0.157	0.022	4	2.4
13302005	PAHSIMEROI RIVER AT ELLIS ID	09/15/1998	1030	236	11.5	.166E	0.036	7	4.5

Appendix D
BLM Temperature Data

Table D-1 Water temperatures for selected streams in the Pahsimeroi River watershed compared against PACFISH riparian management objectives (PACFlSH 1995) and bull trout conservation strategy guidelines.

		# Days Exceeding 7-Day Moving Average Thresholds					
Stream	**Year**	**Salmon Rearing (64º F)**	**Salmon Spawning (60º F)**	**Bull Trout Migration (59º F)**	**Bull Trout Rearing (54º F)**	**Bull Trout Spawning (48º F)**	**Bull Trout Incubation (41º F)**
Big Creek	1997	0	0	0	0	50	70
Big Creek	1998	0	0	0	62	92	NA
Burnt Creek	1994	0	22	66	NA	138	NA
Burnt Creek	1995	0	0	29	NA	107	NA
Burnt Creek	1996	0	6	46	NA	73	NA
Burnt Creek Exc 1	1997	0	0	0	69	110	110
Burnt Creek Exc 6	1997	0	0	0	59	94	94
Burnt Creek Exc 1	1998	NO	DATA				
Burnt Creek Exc 6	1998	0	0	0	66	94	NA
Ditch Creek KA-1	1998	0	0	0	0	74	117
Donkey Creek KA-1	1997	0	0	0	61	81	85
Donkey Creek KA-1	1998	NO	DATA				
Falls Creek KA-1	1997	0	0	0	0	0	68
Falls Creek KA-1	1998	NO	DATA				
Little Morgan Creek	1994	0	0	0	NA	114	NA
Little Morgan Creek	1997	0	0	0	0	53	64
Little Morgan Creek	1998	0	0	0	21	79	100
Long Creek KA-1	1997	13	50	50	64	72	72
Long Creek KA-1	1998	6	56	64	75	88	95
Mahogany Creek KA-1	1996	0	0	0	NA	41	NA
Mahogany Creek KA-1	1997	0	0	0	0	66	72
Mahogany Creek KA-1	1998	0	0	0	3	72	94
Mill Creek KA-1	1997	0	0	0	11	61	61
Morse Creek KA-1	1997	0	0	0	0	62	62
Morse Creek KA-1	1998	0	0	0	0	74	98
Pahsimeroi River at Grouse Creek	1997	1	44	46	68	68	68
Pahsimeroi River At Grouse Creek	1998	NO	DATA				

		# Days Exceeding 7-Day Moving Average Thresholds					
Stream	**Year**	**Salmon Rearing (64º F)**	**Salmon Spawning (60º F)**	**Bull Trout Migration (59º F)**	**Bull Trout Rearing (54º F)**	**Bull Trout Spawning (48º F)**	**Bull Trout Incubation (41º F)**
Pahsimeroi River at Culvert	1994	0	0	1	NA	127	80
Pahsimeroi River at Culvert	1996	0	0	54	NA	NA	69
Pahsimeroi River at Culvert	1997	0	0	0	14	89	89
Pahsimeroi River at Culvert	1998	NO	DATA				
Pahsimeroi River at Mahogany Creek	1997	LOST					
Pahsimeroi River at Mahogany Creek	1998	0	0	0	41	84	96
Patterson Creek	1997	0	0	0	0	0	62
Patterson Creek	1998	0	0	0	0	76	103
Short Creek KA-1	1994	53	73	83	NA	83	NA
Short Creek KA-1	1997	3	47	47	75	87	87
Short Creek KA-1	1998	NO	DATA				
Tater Creek KA-1	1998	0	0	0	0	0	99

All temperatures evaluated from mid-June into mid-October depending on water flows and weather conditions that limit late fall access.

Appendix E
BLM Proper Functioning Condition Ratings (from BLM, 1999)

Table E-1 Selected results of BLM Pahsimeroi Watershed Riparian Inventory (1995, 1998).

Stream (year inventoried)	Inventory Reach #	Miles	Dominant Vegetation Community Type	Functionality Rating
Baby Creek (98)	1	1.1	Geyers willow CT	FAR
	2	0.7	Geyers willow CT	FAR
Bear Creek (98)	1	0.7	Potentilla/hairgrass HT Geyers willow CT	FAR
Big Creek (95)	1	0.9	Aspen/dogwood CT Geyer willow CT Black cottonwood/bluegrass CT	PFC
Buck Creek (98)	1	0.5	Mixed conifer DT	PFC
Blind Fork Trail Creek (98)	1	1.1	Basin sagebrush DT	FAR
	2	0.3	Basin sagebrush DT	FAR
	3	0.3	Rose CT Basin sagebrush DT	FAR
	4	1.2	Mixed herbaceous DT Rose CT	FAR
Burnt Creek (95)	1	1.0	Geyers willow CT Coyote willow CT	FAR
	2	0.9	Basin sagebrush DT Kentucky bluegrass CT	FAR
	3	0.1	Kentucky bluegrass CT	FAR
	4	0.2	Kentucky bluegrass CT Baltic rush CT	PFC
	5	0.2	Kentucky bluegrass CT	PFC
	6	0.4	Kentucky bluegrass CT	FAR
	7	0.4	Geyers willow CT	PFC
	8	1.3	Geyers willow CT	FAR
	9	0.5	Geyers willow CT	PFC
	10	1.0	Geyers willow CT	FAR
	11	0.6	Aspen/dogwood CT	PFC
	12	0.5	Baltic rush CT Geyers willow/beaked sedge HT	PFC
	13	1.0	Geyers willow CT	FAR
	14	0.7	Geyers willow/beaked sedge HT Geyers willow/reedgrass HT	PFC
	15	0.7	Geyers willow CT	FAR

Stream (year inventoried)	Inventory Reach #	Miles	Dominant Vegetation Community Type	Functionality Rating
Ditch Creek (98)	1	0.6	Kentucky bluegrass CT	NF
	2	0.5	Aspen/dogwood HT	FAR
	3	0.5	Scoulers willow DT Douglas fir/dogwood HT	PFC
Donkey Creek (95)	1	0.9	Aspen/dogwood HT	FAR
	2	1.3	Aspen/dogwood HT	PFC
	3	1.2	Geyers willow CT Aspen/dogwood HT	PFC
East Fork Burnt Creek (95)	1	0.7	Mixed conifer DT Kentucky bluegrass CT	FAR
	2	0.8	Fowl bluegrass CT Mixed conifer DT	FAR
East Fork Morgan Creek (95)	1	0.6	Aspen/dogwood HT	PFC
	2	0.5	Aspen/dogwood HT Scoulers willow DT	PFC
Elbow Creek (98)	1	0.3	Water birch CT Rose CT	FAR
	2	0.4	Rose CT Water birch CT	FAR
Elkhorn Creek (98)	1	0.8	Kentucky bluegrass CT	FAR
	2	1.6	Geyers willow CT Kentucky bluegrass CT	FAR
	3	0.4	Geyers willow CT	FAR
Falls Creek (98)	1	0.3	Black cottonwood/dogwood	PFC
Grouse Creek (98)	1	0.5	Quackgrass DT	NF
	2	0.9	Kentucky bluegrass CT	NF
Lawson Creek (98)	1	0.3	Water birch CT	FAR
Little Morgan Creek (95)	1	0.7	Aspen/dogwood HT	PFC
	2	0.7	Aspen/dogwood CT	PFC
Long Creek lower (95)	1	0.4	Basin sagebrush DT	FAR
	2	1.2	Basin sagebrush DT Kentucky bluegrass CT	FAR
Long Creek upper (98)	1	0.6	Potentilla/hairgrass HT	FAR

Stream (year inventoried)	Inventory Reach #	Miles	Dominant Vegetation Community Type	Functionality Rating
	2	1.2	Geyers willow CT	FAR
	3	0.9	Geyers willow CT	PFC
	4	0.7	Geyers willow CT Hairgrass HT	FAR
Mahogany Creek (95)	1	0.7	Geyers willow CT	FAR
	2	0.7	Geyers willow CT	FAR
	3	0.8	Geyers willow CT Spruce/dogwood HT	FAR
Meadow Creek (98)	1	0.8	Kentucky bluegrass CT Rose CT	FAR
	2	1.1	Water birch CT	FAR
	3	0.3	Rose CT	PFC
	4	0.3	Douglas fir/cottonwood HT	PFC
Middle Fork Lawson Creek (98)	1	0.3	Rose CT Water birch CT	FAR
Mill Creek (98)	1	0.5	Aspen/dogwood HT	FAR
	2	1.1	Aspen/dogwood HT	FAR
	3	0.8	Aspen/dogwood HT Douglas fir/dogwood HT	FAR
Morse Creek (98)	1	0.6	Black cottonwood/dogwood CT	PFC
North Fork Lawson Creek (98)	1	0.7	Water birch CT	FAR
	2	0.6	Water birch CT	FAR
	3	0.9	Water birch CT	FAR
North Fork Morgan Creek (95)	1	0.6	Aspen/dogwood HT	PFC
Pahsimeroi River (95)	1	0.7	Geyers willow CT	FAR
	2	1.0	Geyers willow CT	FAR
	3	1.0	Geyers willow CT Yellow willow CT	FAR
	4	0.5	Geyers willow CT	FAR
	5	1.2	Geyers willow CT	FAR
	6	0.9	Geyers willow CT	FAR
	7	0.8	Geyers willow CT	FAR

Stream (year inventoried)	Inventory Reach #	Miles	Dominant Vegetation Community Type	Functionality Rating
	8	0.6	Geyers willow CT	FAR
	9	1.1	Geyers willow CT	FAR
	10	0.8	Geyers willow CT Spruce/dogwood HT	PFC
	11	0.7	Geyers willow CT	FAR
Pahsimeroi River (98)	1	9.7	Black cottonwood CT	FAR
Patterson Creek (95)	1	0.9	Black cottonwood/dogwood CT Water birch CT	FAR
	2	0.8	Black cottonwood/dogwood CT	FAR
Short Creek (95)	1	0.1	Basin sagebrush DT Kentucky bluegrass CT	FAR
	2	0.7	Kentucky bluegrass CT Basin sagebrush DT	FAR
	3	0.7	Geyers willow CT Kentucky bluegrass CT	FAR
	4	1.1	Geyers willow CT	FAR
	5	0.9	Geyers willow CT	FAR
	6	0.7	Geyers willow CT	FAR
	7	0.9	Geyers willow CT	FAR
South Fork Lawson Creek (98)	1	0.5	Bare ground Weedy forbs	NF
	2	1.4	Rose CT Kentucky bluegrass CT	FAR
	3	1.1	Rose CT	FAR
Squaw Creek (98)	1	0.9	Hairgrass HT	FAR
	2	1.1	Aspen/dogwood HT	FAR
Squaw Creek (98)	3	0.9	Geyers willow CT	FAR
Stinking Creek (98)	1	1.2	Aspen/dogwood HT	FAR
	2	1.0	Scoulers willow DT	PFC
Sulphur Creek (95)	1	0.2	Coyote willow CT	FAR
	2	0.9	Water birch CT Coyote willow CT	FAR
	3	0.6	Geyers willow CT Aspen/dogwood HT	PFC

Stream (year inventoried)	Inventory Reach #	Miles	Dominant Vegetation Community Type	Functionality Rating
	4	1.0	Aspen/dogwood HT	FAR
	5	0.6	Aspen/dogwood HT Woods rose CT	FAR
Tater Creek (98)	1	1.2	Yellow willow CT Geyers willow CT	FAR
	2	1.0	Bebbs willow CT Aspen/dogwood HT	FAR
	3	0.9	Douglas fir/dogwood HT	PFC
Trail Creek (98)	1	0.4	Water birch CT	FAR
	2	0.4	Nebraska sedge CT Coyote willow CT	PFC
	3	1.1	Water birch CT Rose CT	FAR
	4	1.0	Catabrosia DT Rose CT	FAR
	5	0.9	Rose CT Coyote willow CT	FAR

PFC=Proper Functioning Condition; FAR=Functional-at-Risk; NF=Non Functional.
HT=Habitat Type (consisting of potential natural community species); CT=Community Type (consisting of seral or disclimax species); DT=Dominance Type (dominated by species typically not associated with hydric communities).